

Existing Draft FS Sections	EPA Proposed New FS Sections		Issue No.	Issue Decisions	SubGroup Team Members		Issue Resolution Dates		EPA Draft Text Dates ⁶		LWG Review Text Dates ⁶		Completion of Section Date ⁶
	EPA Sec. No.	EPA Section Name			LWG ¹	EPA	Start	Finish	Start	Finish	Start	Finish	
Exec. Sum.	Exec. Sum.	Executive Summary	ES	NA	NA	NA	NA	NA	1-Sep-14	30-Sep-14	1-Oct-14	31-Oct-14	30-Nov-14
1, 2	1	Introduction	1.1	FS database update (or not); decide which evaluations impacted ²			27-Jan-14	31-Jan-14	1-Jan-14	2-Feb-14	1-May-14	31-May-14	30-Jun-14
3.2-3.7, 6	2	Ident. & Screening of Technologies	2.1	RAO description changes			10-Feb-14	14-Feb-14	1-Mar-14	30-Apr-14	1-May-14	31-May-14	30-Jun-14
			2.2	PRG selections (including background values as needed)	Kennedy, Toll		27-Jan-14	7-Feb-14					
			2.3	Conceptual Site Model including: MNR weight of evidence evaluation (suitable MNR areas, bed elevation changes, propwash, HST modeling, erosion analyses, surface/subsurface sediment ratios, and other).	Russell, Werth, Ziegler		17-Feb-14	28-Feb-14					
			2.4	Capping evaluation methods (suitable areas): flux and stability	Henderson		7-Apr-14	11-Apr-14					
			2.5	EMNR evaluation methods (suitable areas)	Russell, Werth		14-Apr-14	18-Apr-14					
			2.6	In-situ treatment evaluation methods (suitable areas)	Gardner		21-Apr-14	25-Apr-14					
			2.7	Changes to identification and selection of technologies (or not) (e.g., technology assignment decision tree)	Russell, Werth, Henderson, Gardner, Verduin, Laplante		28-Apr-14	9-May-14					
3.1, 4, 5, 7	3	Development and Screening of Alts.	3.1	COC selections	Kennedy, Toll		27-Jan-14	7-Feb-14	1-May-14	30-Jun-14	1-Jul-14	31-Jul-14	31-Aug-14
			3.2	Integration of SDU analysis	Iverson		17-Mar-14	4-Apr-14					
			3.3	RAL selections and application			27-Jan-14	7-Feb-14					
			3.4	Comprehensive benthic risk area changes (or not)	Toll		3-Feb-14	14-Feb-14					
			3.5	Principal Threat Material and Oregon Hot Spots determinations			3-Mar-14	17-Mar-14					
			3.6	TZW area changes (or not)			17-Mar-14	21-Mar-14					
			3.7	SMA revisions (or not)			24-Mar-14	28-Mar-14					
			3.8	Buried contamination analysis revisions (or not)			31-Mar-14	4-Apr-14					
			3.9	SubSMA revisions (or not) ³			12-May-14	23-May-14					
			3.10	Disposal site assignments to each alt. (including CDF decisions)	Schwarz, Verduin		26-May-14	30-May-14					
			3.11	CDF sediment and discharge water treatment	Schwarz, Verduin		2-Jun-14	6-Jun-14					
			3.12	Changes to volume estimates (or not)	Verduin		9-Jun-14	20-Jun-14					
			3.13	Screening of alternatives methods (including screen of Alt G.)			23-Jun-14	27-Jun-14					
			3.14	Number of alternatives selection			30-Jun-14	4-Jul-14					
			3.15	Alternative options selections or refinements (e.g., -r and -i)	Verduin		7-Jul-14	11-Jul-14					

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			3.16	Sequence of SMA remediation	Verduin		14-Jul-14	18-Jul-14					
			3.17	Duration calcs. (prod. rates, no. of dredges, hour/day, etc.)	Verduin, Laplante		21-Jul-14	25-Jul-14					
			3.18	NMFS work window assumptions	Laplante, Appy		28-Jul-14	1-Aug-14					
			3.19	Dock removal decisions	Verduin, Laplante		4-Aug-14	8-Aug-14					
			3.20	Dredge water quality containment decisions (e.g., sheet piles)	Verduin, Laplante		11-Aug-14	15-Aug-14					
			3.21	Dredge residuals and release assumptions	Verduin, Laplante, Patmont		18-Aug-14	22-Aug-14					
			3.22	Habitat mitigation calculations	Appy, Oster		25-Aug-14	29-Aug-14					
			3.23	Changes to cost estimate methods (or not) ⁴	Verduin		1-Sep-14	5-Sep-14					
8, 9, 10	4	Detailed Eval. of Alternatives	4.1	Changes to evaluation spatial scales presentation	Iverson		8-Sep-14	12-Sep-14	1-Jul-14	31-Aug-14	1-Sep-14	30-Sep-14	31-Oct-14
			4.2	T=0 risk reduction and forward projections (e.g., T=45)	Russell, Werth		15-Sep-14	26-Sep-14					
			4.3	Changes to time to meet RAOs evaluation			29-Sep-14	3-Oct-14					
			4.4	F&T modeling revisions/reruns vs. alternate approaches	Russell, Werth, Zeigler		6-Oct-14	17-Oct-14					
			4.5	Flood rise modeling changes (or not)	Zeigler		20-Oct-14	24-Oct-14					
			4.6	Worker risk calculation methods	Merritts		27-Oct-14	31-Oct-14					
			4.7	ESA compliance determinations	Appy, Oster		3-Nov-14	7-Nov-14					
			4.8	Cost effectiveness evaluation	Patmont		10-Nov-14	14-Nov-14					
			4.9	Scoring/weighting of alternatives ⁵	Patmont		17-Nov-14	21-Nov-14					
			4.10	Place holder for any other changes to alt. evaluation methods									
11	5	References	Ref	NA	NA	NA	NA	NA	1-Sep-14	30-Sep-14	1-Oct-14	31-Oct-14	30-Nov-14

1 - All LWG teams include Carl Stivers and Amanda Shellenberger.

2 - Dates shown only include time to decide whether to update the FS database or not. If the database is updated, the update would likely take several additional months.

3 - Per the LWG's 16-Jan-2014 RALs memo, developing new subSMAs and assigning new technologies is expected to take 4 to 10 weeks in total. About 4 weeks of this period is included in the dates shown above for resolution of issues prior to 3.9. Therefore, depending on the level of EPA changes, an additional 4 to 6 weeks could be needed at this point in the above process to fully integrate all the EPA changes into revised alternatives.

4 - Per the LWG's 16-Jan-2014 RALs memo, developing new alternatives with changes to the methods addressed by issues 3.10 through 3.23 is expected to take 4 to 8 weeks. None of this additional time is included in the dates shown above, which only include time to determine and resolve the need for changes for each of the noted issues.

5 - Per the LWG's 16-Jan-2014 RALs memo, conducting revised evaluations of new alternatives with changes to the evaluation methods addressed by issues 4.1 through 4.10 is expected to take 6 to 12 weeks. None of this additional time is included in the dates shown above, which only include time to determine and resolve the need for changes for each of the noted issues.

6 - The dates for text revisions shown are consistent with EPA's 16-Jan-2014 handout. Importantly, most of these text revision dates occur prior to resolution of key issues dates shown in prior columns in this table. This indicates the need for EPA and LWG to resolve a more consistent process for both issue resolution and text revisions.

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